

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\  
 Data File : BF091359.D  
 Acq On : 30 Nov 2016 17:28  
 Operator : UM/SJ  
 Sample : H5767-03  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 112216-DSDC-E-U-B

Quant Time: Dec 01 00:39:59 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 29 13:33:46 2016  
 Response via : Initial Calibration

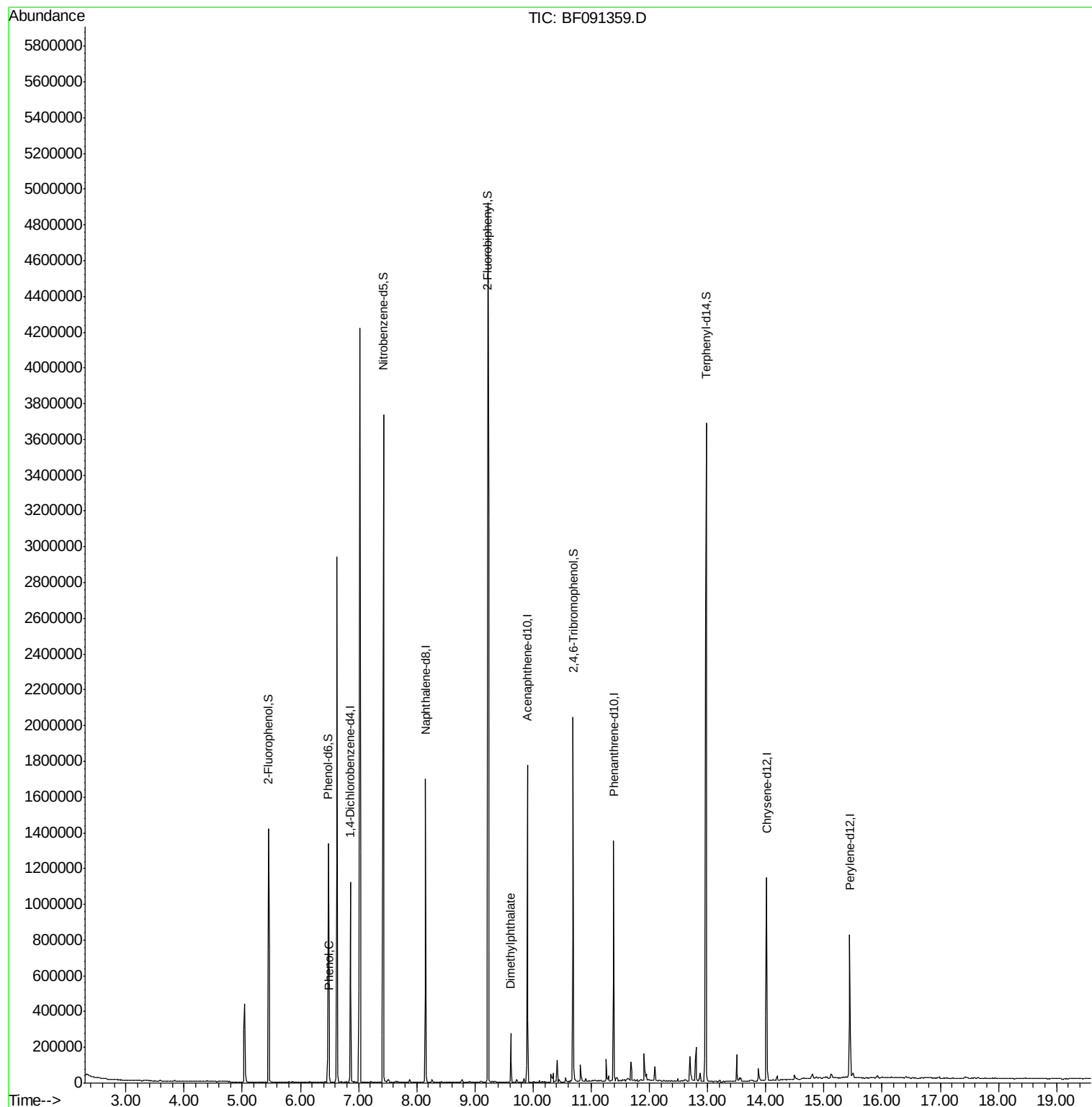
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 183581   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.15  | 136  | 744993   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.90  | 164  | 370111   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.38 | 188  | 547740   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 14.01 | 240  | 411670   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 15.44 | 264  | 375008   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.45  | 112  | 404654   | 36.01  | ng    | -0.02    |
| 7) Phenol-d6                | 6.48  | 99   | 350606   | 25.34  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 1285666  | 96.71  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.69 | 330  | 252864   | 72.17  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.22  | 172  | 2084216  | 101.96 | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.97 | 244  | 1584429  | 83.65  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.49  | 94   | 46303    | 2.84   | ng    | 92       |
| 49) Dimethylphthalate       | 9.61  | 163  | 120191   | 5.36   | ng    | 97       |

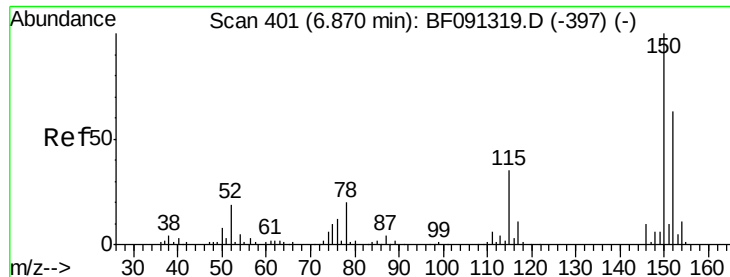
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

Instrument :

BNA\_F

ClientSampleId :

112216-DSDC-E-U-B

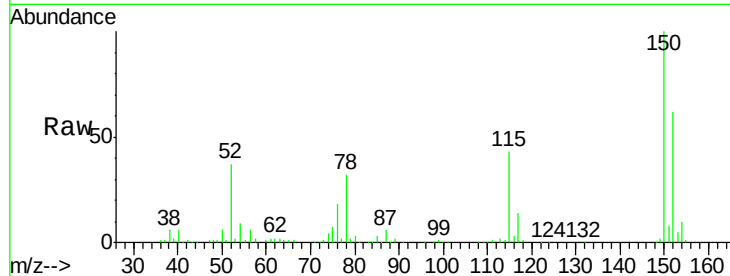
Tot Ion:152 Resp: 183581

Ion Ratio Lower Upper

152 100

150 161.2 122.5 183.7

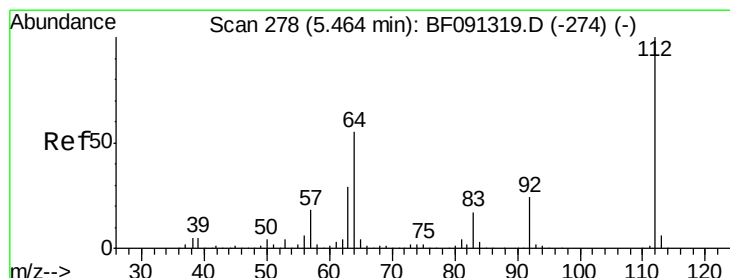
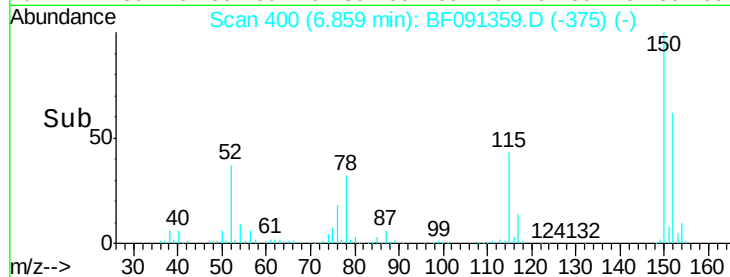
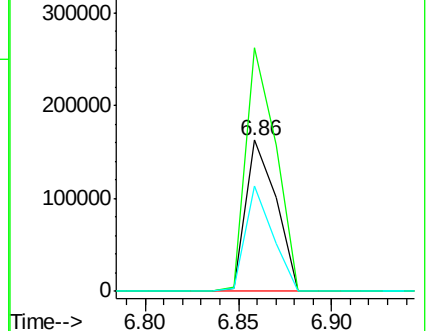
115 69.4 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 36.01 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

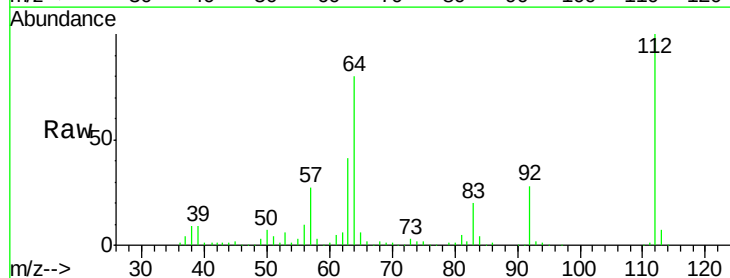
Tgt Ion:112 Resp: 404654

Ion Ratio Lower Upper

112 100

64 79.9 61.5 92.3

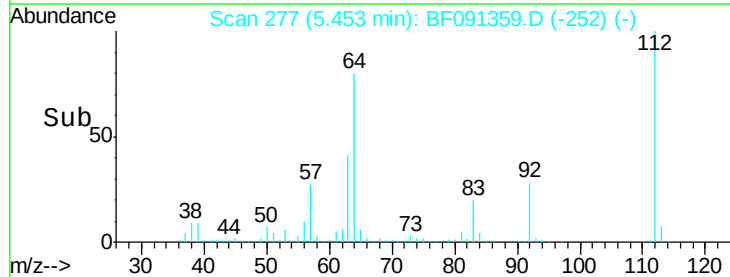
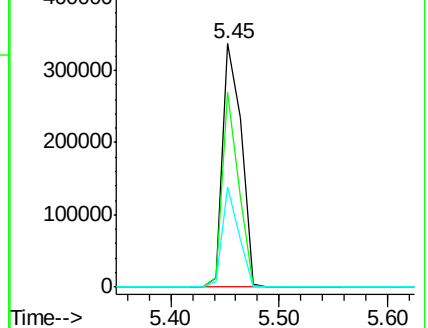
63 41.4 33.3 49.9

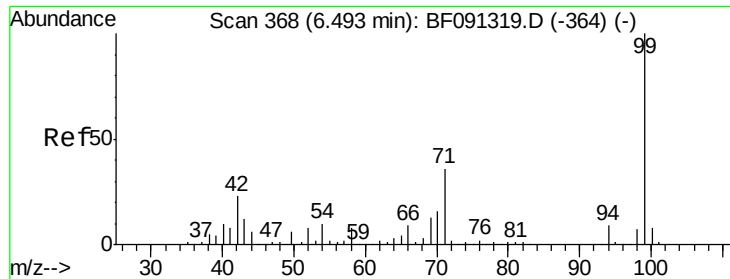


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.34 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

Instrument :

BNA\_F

ClientSampleId :

112216-DSDC-E-U-B

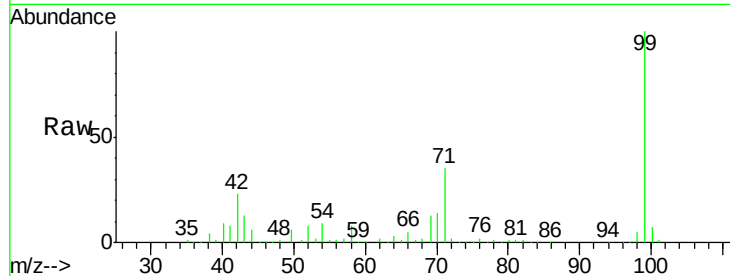
Tot Ion: 99 Resp: 350606

Ion Ratio Lower Upper

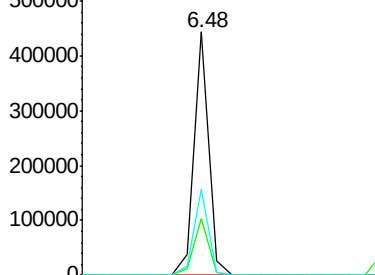
99 100

42 23.3 20.6 31.0

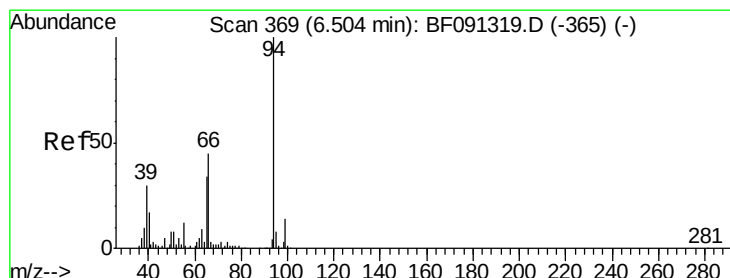
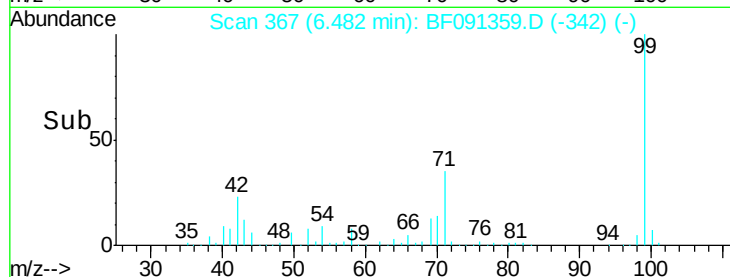
71 35.4 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 2.84 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

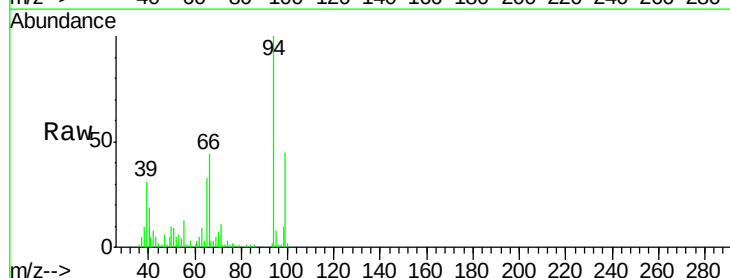
Tgt Ion: 94 Resp: 46303

Ion Ratio Lower Upper

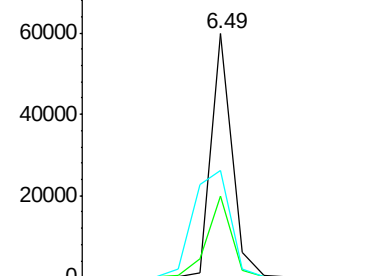
94 100

65 33.4 16.9 56.9

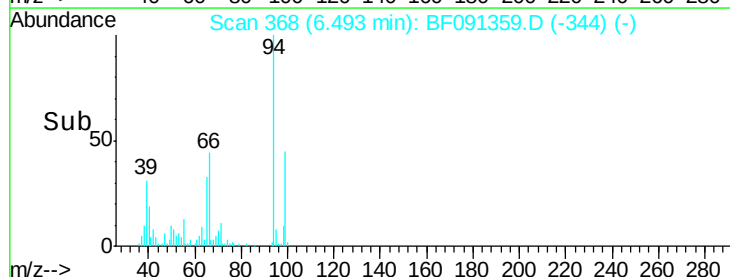
66 43.6 30.6 70.6

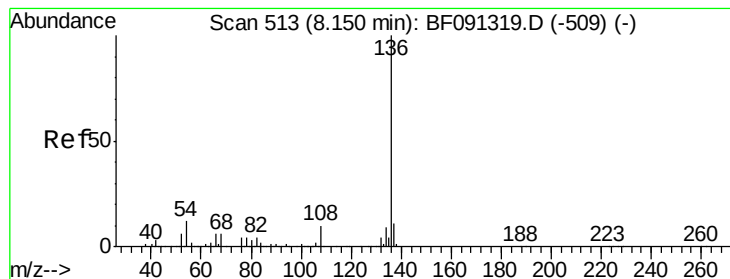


Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0



Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

Instrument :

BNA\_F

ClientSampleId :

112216-DSDC-E-U-B

Tot Ion:136 Resp: 744993

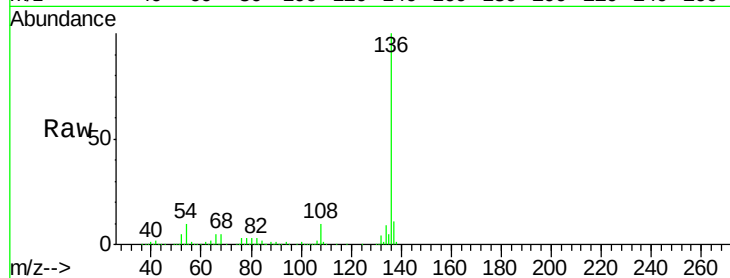
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.7 9.1 13.7

68 4.7 5.9 8.9#

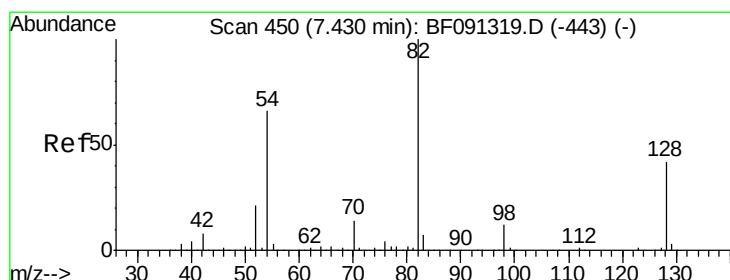
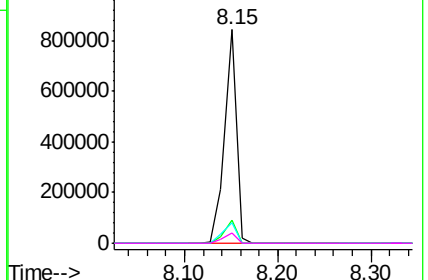
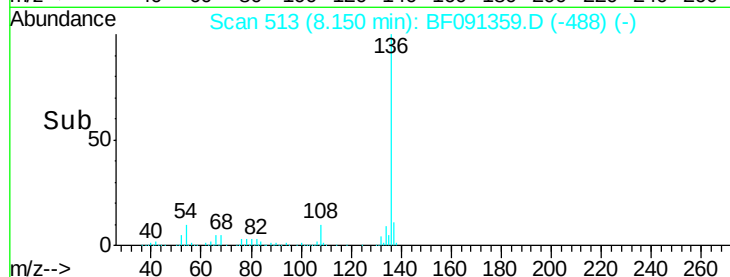


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 96.71 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

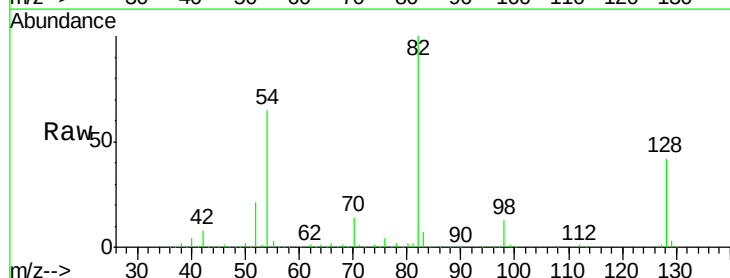
Tgt Ion: 82 Resp: 1285666

Ion Ratio Lower Upper

82 100

128 42.3 31.8 47.6

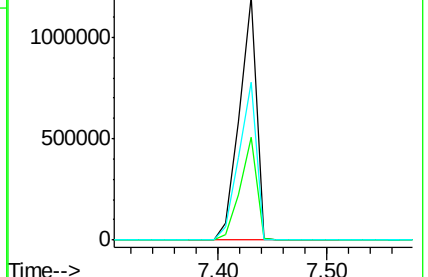
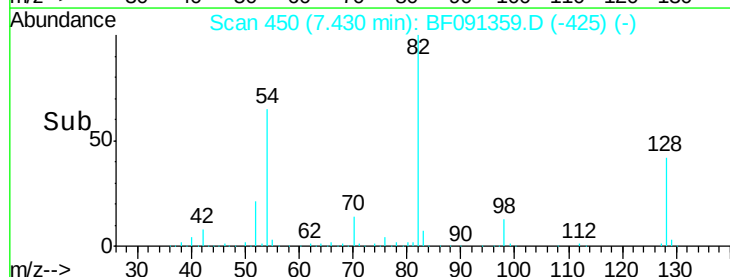
54 65.0 49.1 73.7

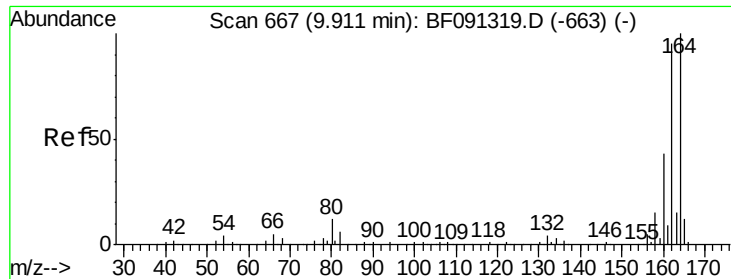


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

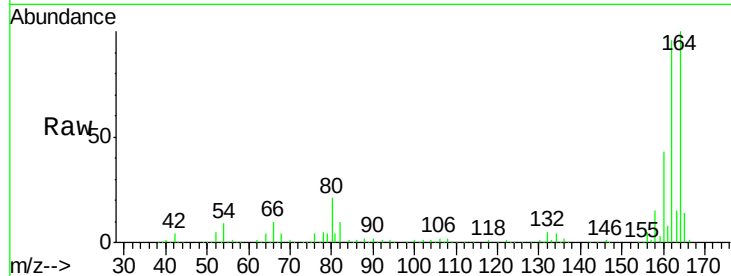




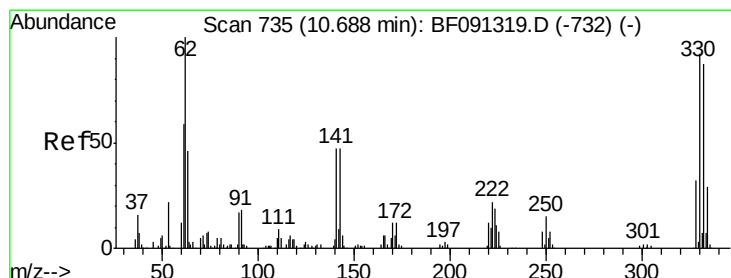
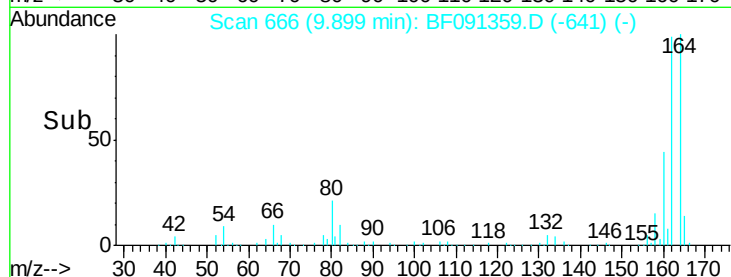
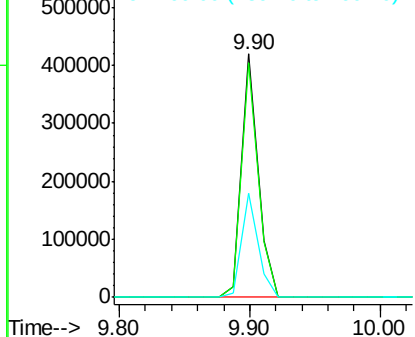
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.90 min Scan# 666  
 Delta R.T. -0.02 min  
 Lab File: BF091359.D  
 Acq: 30 Nov 2016 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 112216-DSDC-E-U-B

Tot Ion:164 Resp: 370111  
 Ion Ratio Lower Upper  
 164 100  
 162 96.3 82.6 124.0  
 160 43.0 36.7 55.1

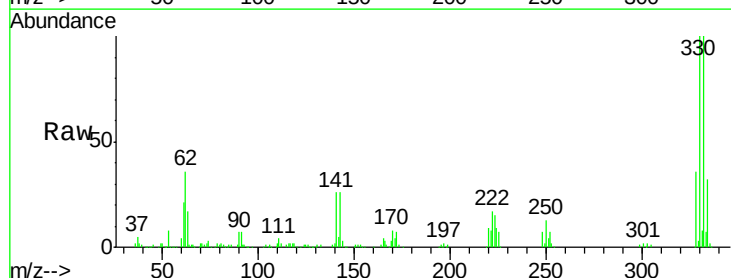


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

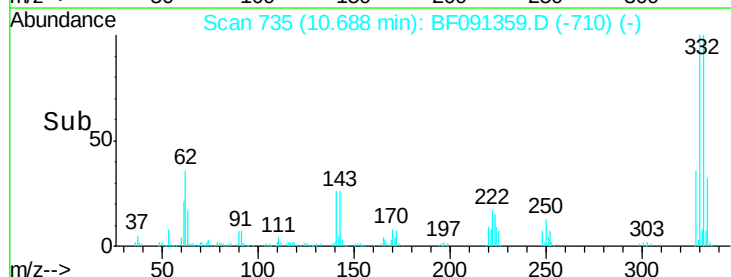
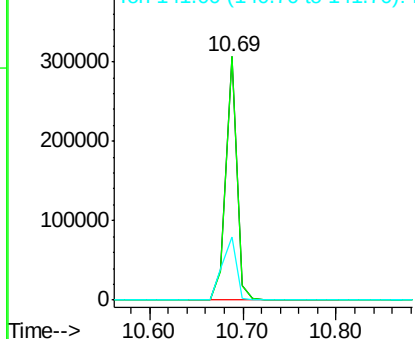


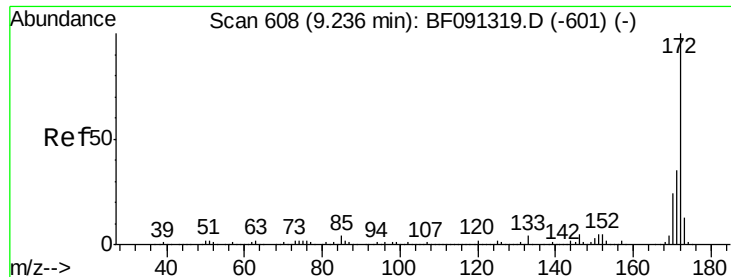
#41  
 2,4,6-Tribromophenol  
 Concen: 72.17 ng  
 RT: 10.69 min Scan# 735  
 Delta R.T. -0.02 min  
 Lab File: BF091359.D  
 Acq: 30 Nov 2016 17:28

Tgt Ion:330 Resp: 252864  
 Ion Ratio Lower Upper  
 330 100  
 332 99.2 76.2 114.4  
 141 32.9 33.6 50.4#



Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

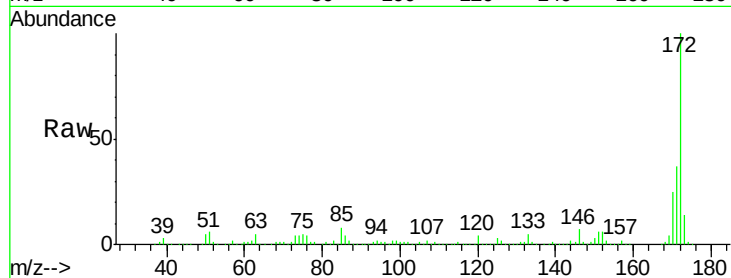




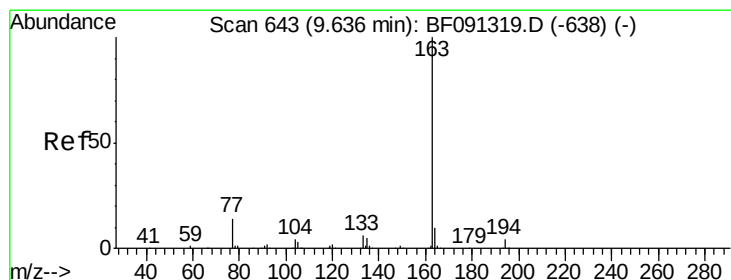
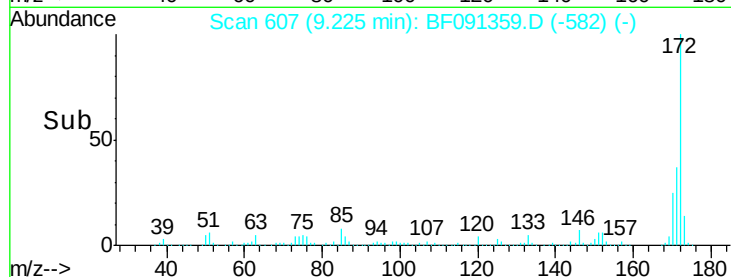
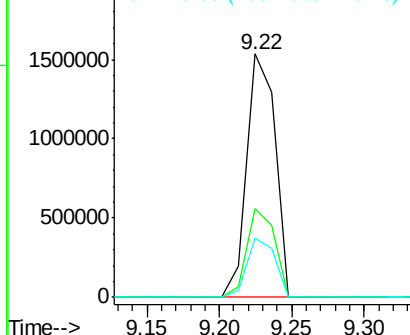
#44  
2-Fluorobiphenyl  
Concen: 101.96 ng  
RT: 9.22 min Scan# 607  
Delta R.T. -0.02 min  
Lab File: BF091359.D  
Acq: 30 Nov 2016 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
112216-DSDC-E-U-B

Tot Ion:172 Resp: 2084216  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.4 44.0  
170 24.5 19.7 29.5

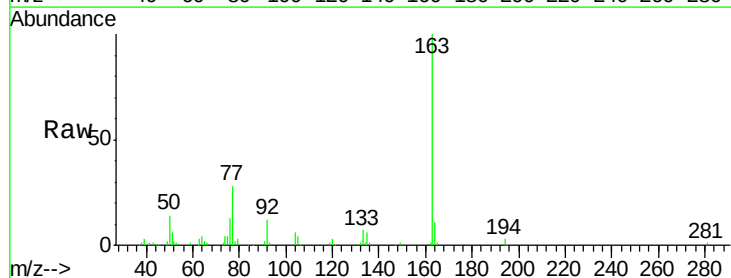


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

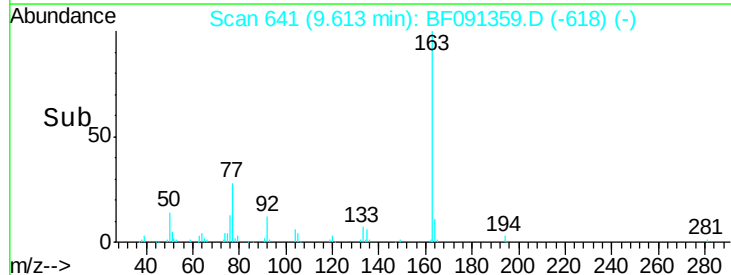
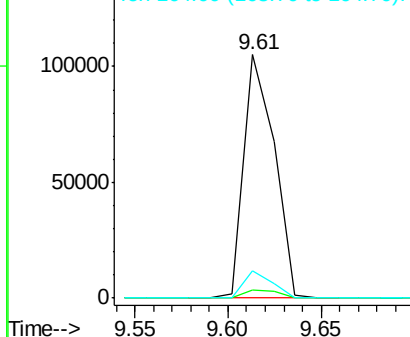


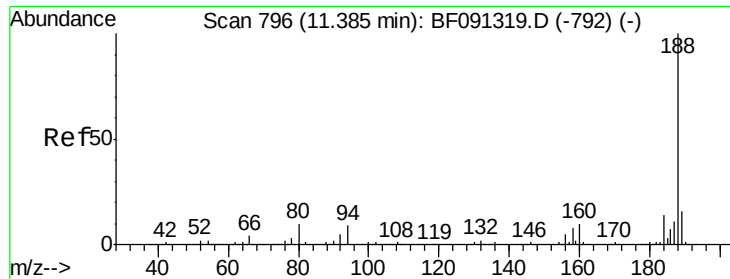
#49  
Dimethylphthalate  
Concen: 5.36 ng  
RT: 9.61 min Scan# 641  
Delta R.T. -0.04 min  
Lab File: BF091359.D  
Acq: 30 Nov 2016 17:28

Tgt Ion:163 Resp: 120191  
Ion Ratio Lower Upper  
163 100  
194 3.3 3.0 4.4  
164 11.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

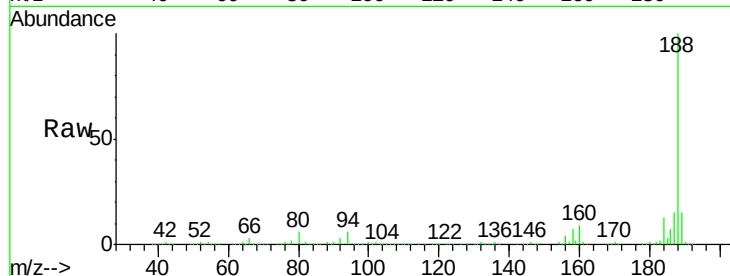




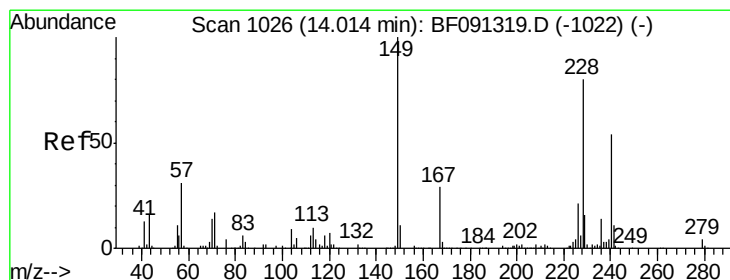
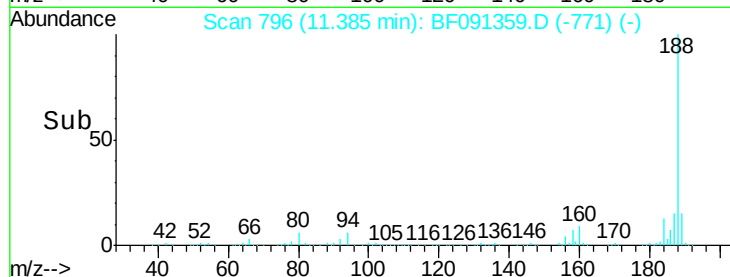
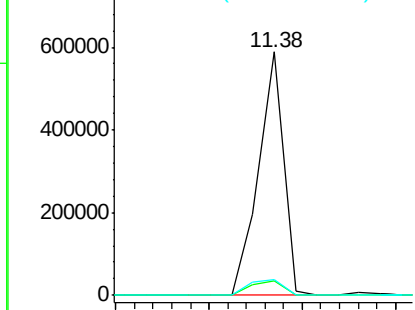
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.38 min Scan# 796  
Delta R.T. -0.02 min  
Lab File: BF091359.D  
Acq: 30 Nov 2016 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
112216-DSDC-E-U-B

Tot Ion:188 Resp: 547740  
Ion Ratio Lower Upper  
188 100  
94 6.2 9.2 13.8#  
80 6.4 10.5 15.7#

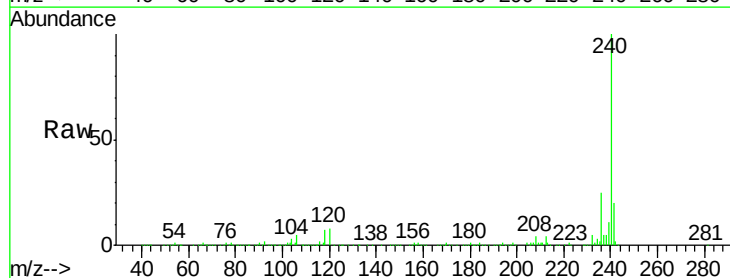


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

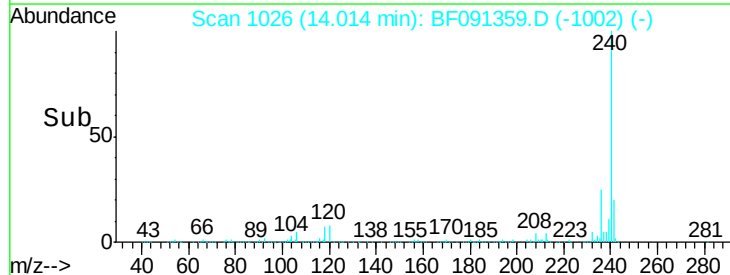
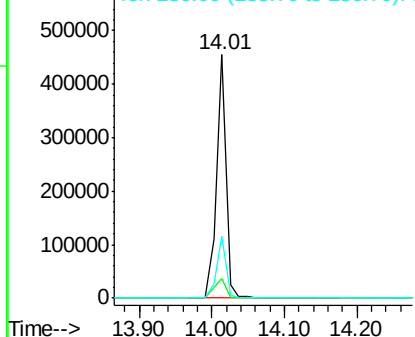


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.01 min Scan# 1026  
Delta R.T. -0.03 min  
Lab File: BF091359.D  
Acq: 30 Nov 2016 17:28

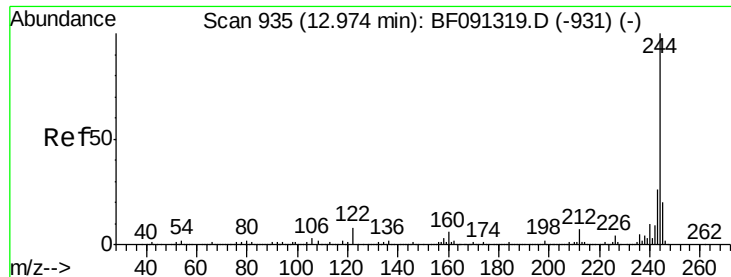
Tgt Ion:240 Resp: 411670  
Ion Ratio Lower Upper  
240 100  
120 7.9 12.1 18.1#  
236 25.2 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



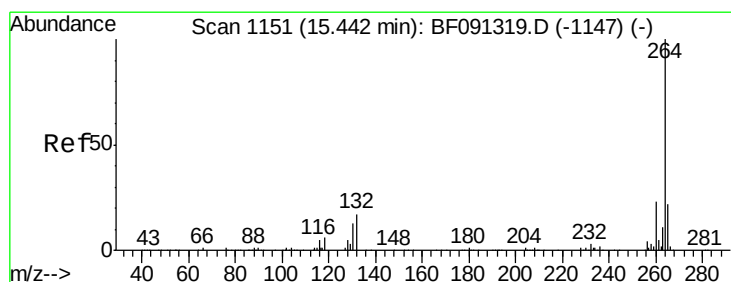
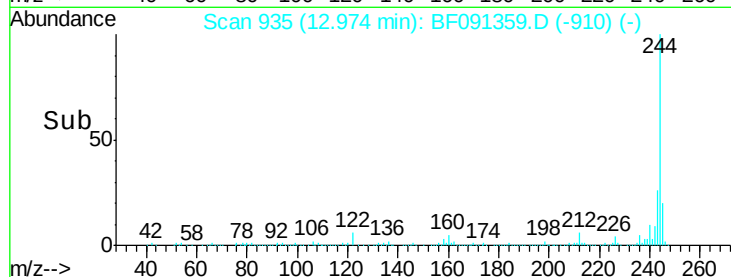
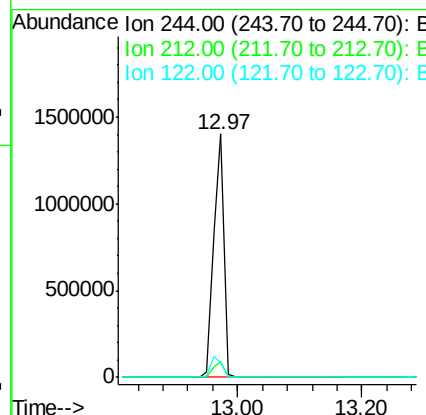
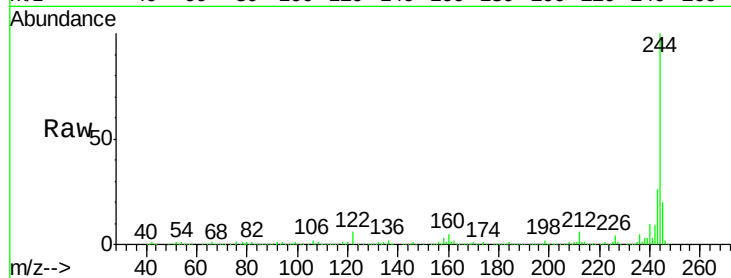




#78  
 Terphenyl-d14  
 Concen: 83.65 ng  
 RT: 12.97 min Scan# 935  
 Delta R.T. -0.02 min  
 Lab File: BF091359.D  
 Acq: 30 Nov 2016 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 112216-DSDC-E-U-B

Tot Ion:244 Resp: 1584429  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 6.5 9.7#  
 122 6.2 9.5 14.3#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.44 min Scan# 1151  
 Delta R.T. -0.03 min  
 Lab File: BF091359.D  
 Acq: 30 Nov 2016 17:28

Tgt Ion:264 Resp: 375008  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.8 28.2  
 265 21.5 17.0 25.6

